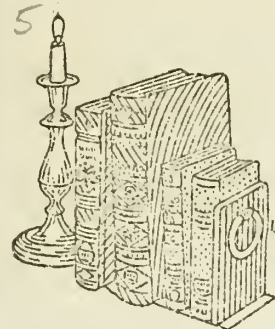


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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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Vol. 11, No. 1-2

Jan.-Feb. 1952

TO OUR BORROWERS

We don't like mentioning library fines again but we are forced to. One of our services is to obtain books from other libraries when we do not have them in our own collection. Like anyone else we are subject to the rules and regulations - and FINES - of these libraries. Your cooperation in returning these books on time will be appreciated. If there is a fine it is the responsibility of the borrower for the library has no funds for this purpose. Very recently the library from which we borrow most of our books increased its fines from two to five cents per day.

Service will be speeded up all along the line if you will return books to the address indicated on the date due slip. You may be requested to return some to San Francisco, some to Berkeley, and once in a while you may have a book sent out by the Main Library in Washington, D. C.

NEW BOOKS

AHLGREN, GILBERT H., KLINGMAN, GLENN C. & WOLF, DALE E. Principles of Weed Control. 368 p. N. Y., John Wiley & Sons, 1951. 79 Ah4

"This book brings together for the first time the underlying principles, the up-to-date facts, and the control techniques of this rapidly growing science. Here are assembled all the important data with which anyone interested in weed control should be familiar and should have within arm's reach for ready reference."

From the book jacket

AMERICAN SOCIETY OF AGRONOMY. Advances in Agronomy, Vol. III. 361 p. N. Y., Academic Press, 1951. 30 Ad9 v.3

This is the third volume in the series designed to present newer developments in agronomy. Contents: The Subsoil; The Management of Alfalfa Meadows; The Chemistry of Soil Potassium; The Adaptability and Breeding of Suitable Grasses for the Southeastern States; Chemical Treatment of the Soil; Problems and Progress of Soil Conservation in the U. S.; Irrigation, Agriculture and Soil Research in the U. S.

CALIFORNIA. DIV. OF MINES. Bulletins. Sacramento, Calif.

No. 148. Geology of the Blue Lake Quadrangle, Calif. 36 p. July 1950.

No. 153. Geology and mineral resources of the Meenach quadrangle, Calif. 53 p. Mar. 1950.

No. 154. Geologic guidebook of the San Francisco Bay counties - history, geology, fossils, minerals, industry, and routes to travel. 392 p. 1951.

No. 157. Geology of the San Jose-Mount Hamilton area, Calif. 74 p. April 1951.

No. 159. Crystalline rocks of southwestern California. 136 p. 1951.

CALIFORNIA. SECRETARY OF STATE. California Blue Book. 1087 p. Sacramento, Calif. 1950. 252.09 Sc2

"The Blue Book gives in detail the organization and functions of California's government and a summary of the resources and facilities upon which we depend for continued advancement. It gives a record of the progress that California has made."

GULICK, LUTHER HALSEY. American Forest Policy: a study of government administration and economic control. 252 p. Pub. for the Institute of Public Administration by Duell, Sloan and Pearce, 1951. 90.61 G94

"This is a complete and detailed analysis of our American forest policy today. Starting with an account of American lumbering and the origin of the Government forest policy seventy-five years ago in the work of the "Conservationists" and later men like Theodore Roosevelt and Gifford Pinchot, Mr. Gulick proceeds to show how public ownership has grown to encompass a quarter of all commercial timberlands, what problems this has created, and how these have been solved or left unsolved".

HOUGH, WALTER S. & MASON, A FREEMAN. Spraying, Dusting and Fumigating of Plants: principles & applications. 726 p. N. Y., Macmillan, 1951. 464.4 H81

The book is divided into two parts. Part I contains a brief history of the development of pest control, including discussions of the more important insecticides, fungicides, herbicides, and other materials used in protecting crops. Part II is a systematic treatment of all the important plant pests and diseases. There is a brief description of each and complete keys for diagnosing all kinds of plant troubles.

RUSSELL, E. JOHN. Soil Conditions & Plant Growth. 8th ed. 635 p. Lond., Longmans, Green & Co., 1950. 56.3 R91S

"This well-known book on a subject of great scientific and economic significance has for this eighth edition been completely revised. Its object remains the same - to give students and scientific farmers an authoritative and up-to-date account of the properties of soils that are important for plants.

"One principal topic of the book is the nature of humus and its functions in the soil. Another is concerned with soil micro-organisms, soil animals and what they do in the soil, including a consideration of nitrogen fixing organisms and of cropping and intercropping with leguminous plants. There are discussions of the present-day theories of water movement in the soil

and the role of capillarity in supplying the plants with water. The problems of acid soils and cultivations, ploughing and mulching are considered.

"In this edition the discussion on the soil organisms, the soil water, soil structure and the principles of soil management have been much extended. There are a large number of references to original papers and the principal topics of the last edition have all been included. As before, general principles have been illustrated by examples taken from all over the world. There are new diagrams and a great many new photographs."

SEED WORLD PUBLICATIONS. Seed Trade Buyers Guide. 276 p. Chicago, Ill., 1952. 62 Se3

U. S. CIVIL SERVICE COMMISSION LIBRARY. A Bibliography of Public Personnel Administration. 6 Parts. Washington, D. C., 1949. 165 B473

"This bibliography of Public Personnel Literature is the outgrowth of research work which the Library of the Civil Service Commission has performed over a number of years in the field of public personnel administration, including the evaluation and development of merit or civil service systems.

"It is arranged by subject and contains a listing of the books and periodical articles in the general and special fields of personnel work published through early 1949. The great volume of material that appeared in the emergency, war, and post-war period of the past 10 years is covered with particular thoroughness ...

"The increased volume of material on the subject of personnel administration has created a distinct need for some convenient means of locating published materials. Therefore, this compilation has its greatest use as a 'finding list' for research workers, educators, and administrators ...

"This bibliography is presented in 6 parts:

- I. Organization and Scope of the Personnel Program
- II. Position Classification and Pay Administration
- III. Selection, Appointment, and Placement
- IV. Employee Relations and Employee Services
- V. Service Rating, Training and Supervision
- VI. Separation and Retirement

U. S. CIVIL SERVICE COMMISSION LIBRARY. A Bibliography of Public Personnel Administration. Supplement No. 1, 1949-1950. 294 p. 165 B473 Suppl.

SELECTED PAMPHLETS

BUILDINGS

- Electric light for the farmstead. 47 p. 1951. (USDA Farmers' Bul. No. 1838 rev.)
1 Ag84F No. 1838
- Natural wood finishes for exteriors of houses. 9 p. 1951. (Forest Products Lab. Report No. R1908) 1.9 F761R No. 1908
- A step-saving U kitchen. 16 p. 1951. (USDA Home and Garden Bul. No. 14)
1 Ag84Hg No. 14

CITRUS FRUIT

- Consumers' use of and opinions about citrus products. 167 p. 1951. (USDA Agr. Inform. Bul. No. 50) 1 Ag84Ab No. 50
- Effects of fertilizers upon yields, size and quality of orange fruits. 57 p. 1951. (Calif. Agr. Expt. Sta. Bul. No. 722) 100 C12S(b) No. 722
- Eliminating tillage in citrus soil management. 15 p. 1949. (Calif. Agr. Col. Ex. Cir. No. 150) 100 C12E No. 150
- Freeze injury and subsequent seasonal changes in Valencia oranges and grapefruit. 47 p. 1950. (Calif. Agr. Expt. Sta. Bul. No. 719) 100 C12S(b) No. 719
- Gum diseases of citrus. 19 p. 1950. (Calif. Agr. Expt. Sta. Cir. No. 396) 100 C12S(c) No. 396
- Harvesting and handling citrus fruits in the Gulf States. 67 p. 1950. (USDA Farmers' Bul. No. 1763 rev.) 1 Ag84F No. 1763
- Harvesting, handling, and transportation of citrus fruits; a digest of information on the subject published mostly from 1938 to 1948. 178 p. 1951. (USDA Bibliog. Bul. No. 13) 1 Ag34Bi No. 13

FARM LABOR

- Gains in productivity of farm labor. 121 p. 1950. (USDA Tech. Bul. No. 1020) 1 Ag84Te No. 1020
- A history of the emergency farm labor supply program 1943-47. 298 p. 1951. (USDA Agr. Monog. No. 13) 1 Ag84Am No. 13
- Mexican farm wages and farm labor productivity. 13 p. 1950. (USDA Off. Foreign Agr. Relat. Foreign Agr. Rpt. No. 46) 1.943 F763 No. 46
- Migratory farm workers in 1949. 20 p. 1950. (USDA Agr. Inform. Bul. No. 25) 1 Ag84Ab No. 25
- Special security and related insurance for farm people: an annotated bibliography of selected references. 25 p. 1949. (USDA Library. Library List No. 50) 1.916 L612 No. 50

FARM LEASES

- Better farm leases. 42 p. 1950. (USDA Farmers' Bul. No. 1969 rev.) 1 Ag84F No. 1969
- Father-son farm-operating agreement. 37 p. 1951. (USDA Farmers' Bul. No. 2026) 1 Ag84F No. 2026
- Your farm lease. 8 p. 1949. (USDA Misc. Pub. No. 627 rev.) 1 Ag84M No. 627

FOREIGN AGRICULTURE

- A bibliography of plant pathology in the tropics and in Latin America. 78 p. 1951. (USDA Bibliog. Bul. No. 14) 1 Ag84Bi No. 14
- Brazil: agricultural production and trade statistics. 39 p. 1951. (USDA Statis. Bul. No. 97) 1 Ag84St No. 97
- Customers across the border - the farmer's stake in the United States-Canadian trade. 8 p. 1951. (USDA Agr. Inform. Bul. No. 35) 1 Ag84Ab No. 35
- Forest resources of Liberia. 69 p. 1951. (USDA Agr. Inform. Bul. No. 67) 1 Ag84Ab No. 67
- A graphic summary of world agriculture. 51 p. 1949. (USDA Misc. Pub. No. 705) 1 Ag84M No. 705
- Marketing facilities for farm and related products at San Juan, Puerto Rico. 169 p. 1951. (USDA Agr. Inform. Bul. No. 60) 1 Ag84Ab No. 60
- Reconnaissance soil survey of Liberia. 107 p. 1951. (USDA Agr. Inform. Bul. No. 66) 1 Ag84Ab No. 66

- A study of the citrus industry of Spain, 1950. 122 p. 1950. (USDA OFAR Foreign Agr. Rpt. No. 56) 1.943 F763 No. 56
- A survey of Soviet Russian agriculture. 194 p. 1951. (USDA Agr. Monog. No. 5) 1 Ag844m No. 5
- Teamwork in world agriculture. 21 p. 1950. (USDA Agr. Inform. Bul. No. 21) 1 Ag844b No. 21

FOREST FIRES

- Comparative ratings of 1951 forest fire weather in western Oregon. 5 p. 1951. (Pacific Northwest Forest & Range Expt. Sta. Research Note No. 76) 1.9 F76 P11F No. 76
- Fire and water in southern California's mountains. 8 p. 1951. (Calif. Forest & Range Expt. Sta. Misc. Paper No. 3)
- Fire behavior in Northern Rocky Mountain forests. 103 p. 1951. (Northern Rocky Mountain Forest & Range Experiment Sta. Station Paper No. 29) 1.9 F76 W815S No. 29
- History of smoke jumping, 1939-49. 11 p. U. S. Forest Service, 1950.
- Inflammability of chaparral depends on how it grows. 2 p. 1951. (Calif. Forest & Range Expt. Sta. Misc. Paper No. 2)
- Water vs fire: fighting forest fires with water. 36 p. 1950.

FRUITS & BERRIES

- Apple growing in California. 8 sections. 1951. (Calif. Agr. Col. Ext. Cir. No. 178) 100 C12E No. 178
- Breeding blackberries. 38 p. 1950. (Oreg. Agr. Expt. Sta. Bul. No. 475) 100 Or3(b) No. 475
- Cherry rootstalks in California. 30 p. 1951. (Calif. Agr. Expt. Sta. Bul. No. 725) 100 C12S(b) No. 725
- Date culture in the United States. 57 p. 1951. (USDA Cir. No. 728 rev.) 1 Ag84C No. 728
- Date palm insects in the United States. 57 p. 1950. (USDA Cir. No. 846) 1 Ag84C No. 846
- Deciduous orchards in California winters. 39 p. 1951. (Calif. Agr. Col. Ext. Cir. No. 179) 100 C12E No. 179
- Development of blight resistant French pear rootstalks. 24 p. 1950. (Oreg. Agr. Expt. Sta. Bul. No. 485) 100 Or3(b) No. 485
- Handling apples from tree to table. 43 p. 1951. (USDA Cir. No. 659 rev.) 1 Ag84C No. 659
- Imported varieties of dates in the United States. 144 p. 1950. (USDA Cir. No. 834) 1 Ag84C No. 834
- Native Pacific plum in Oregon. 22 p. 1951. (Oreg. Agr. Expt. Sta. Bul. No. 502) 100 Or3(b) No. 502
- Orchard insects of the Pacific Northwest and their control. 63 p. 1950. (USDA Cir. No. 270 rev.) 1 Ag84C No. 270
- Peaches - facts for consumer education. 18 p. 1951. (USDA Agr. Inform. Bul. No. 54)
- Prepackaging apples at point of production. 52 p. 1951. (USDA Agr. Inform. Bul. No. 29) 1 Ag844b No. 29
- Prune production in California. 4 sections. 1951. (Calif. Agr. Col. Ext. Cir. No. 180) 100 C12E No. 180
- Ten peaches and a nectarine for the western states. 34 p. 1951. (USDA Cir. No. 885) 1 Ag84C No. 885
- Trends and outlook in the California grape industries. 23 p. 1950. (Calif. Agr. Expt. Sta. Cir. No. 397) 100 C12S(c) No. 397

GARDENING

Suburban and farm vegetable gardens. 46 p. 1951. (USDA Home and Garden Bul. No. 9) 1 Ag84Hg No. 9
Vegetable gardeners' handbook on insects and diseases. 30 p. 1951. (USDA Misc. Pub. No. 605 rev.) 1 Ag84H No. 605

HOME ECONOMICS

Electric lamps that you can make or modernize. 8 p. 1951. (USDA Leaflet No. 317) 1 Ag84L No. 317
Fitting coats and suits. 23 p. 1952. (USDA Home and Garden Bul. No. 11) 1 Ag84Hg No. 11
Freezing meat and poultry products for home use. n.p. 1951. (USDA Home and Garden Bul. No. 15) 1 Ag84Hg No. 15

POULTRY

Breeding chickens for meat production. 38 p. 1951. (Calif. Agr. Expt. Sta. Bul. No. 675 rev.) 100 C12S(b) No. 675
Chicken business in California. 22 p. 1951. (Calif. Agr. Col. Ext. Cir. No. 147 rev.) 100 C12E No. 157
Chicken hatching egg production. 19 p. 1951. (Oreg. Agr. Expt. Sta. Bul. No. 498) 100 Cr3(b) No. 498
Cooling and holding eggs on the ranch. 18 p. 1951. (Calif. Agr. Expt. Sta. Cir. No. 405) 100 C12S(c) No. 405
Interregional competition in production of chickens and eggs. 71 p. 1951. (USDA Tech. Bul. No. 1031) 1 Ag84Te No. 1031
Marketing farm poultry. 68 p. 1951. (USDA Farmers' Bul. No. 2030) 1 Ag84F
The turkey business in California. 11 p. 1951. (Calif. Agr. Col. Ext. Cir. No. 170) 100 C12E No. 170
Turkey production in California. 60 p. 1951. (Calif. Agr. Col. Ext. Cir. No. 110 rev.) 100 C12E No. 110

WATER

Design and operation of Rocky Mountain infiltrometer. 68 p. 1951 (Rocky Mt. Forest & Range Expt. Sta. Station Paper No. 5) 1.9622 R23t2 No. 5
Disposition of rainfall in two mountain areas of California. 84 p. 1951. (USDA Tech. Bul. No. 1048) 1 Ag84Te No. 1048
Distant earthquakes affect local groundwater levels. 4 p. 1951. (Northeastern Forest Expt. Sta. Northeastern Research Note No. 9) 1.9622 N2N82 No. 9
A progress report on suspended sediment sampling in several western Oregon and western Washington streams. 19 p. 1951. (Pacific Northwest Forest & Range Expt. Sta. Research Note No. 75) 1.9 F76 P11F No. 75
Raindrops and erosion. 23 p. 1951. (USDA Cir. No. 895) 1 Ag84C No. 895
Suggestions for manufacture and operation of a six-inch infiltrometer ring. 3 p. 1951. (Northern Rocky Mt. Forest & Range Expt. Sta. Research Note No. 104) 1.9622 N3R31 No. 104

SIGNE RUH OTTERSEN
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LIBRARY NEWSLETTER

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Vol. 11, No. 3

March 1952

NEW BOOKS

AMERICAN ASSOC. OF SCHOOL ADMINISTRATORS. Conservation Education in American Schools: 29th yearbook. 527 p. Washington, D. C., 1951.

"This is not a textbook on conservation, or a compendium of technical information about conservation practices. Rather, it is an administrator's guide, which defines a broad area of school responsibility and indicates what can be done about it. Challenges, guides, practices, materials, and facilities are outlined in ways which should be helpful to school administrators in expanding and improving school programs of conservation education."

CHAPMAN, HERMAN H. Forest Management. 582 p. Bristol, Conn., Hildreth Press, 1950. 99.55 C36

"This text is a revision of an earlier edition of the same title published by the J. B. Lyon Co. in 1931. However, it has been largely rewritten and much new material introduced. The dedication to the principles of a free, competitive, democratic economy is the basis of the author's approach to the field of forest management. Business and economic principles are emphasized throughout the book. It is written with particular reference and application to conditions of American forest management."

"There are three parts to the text. The first is concerned with the place of forest management in forestry and consists of six chapters. The second part deals with forest organization and includes eight chapters. Part III is on timber management plans and contains sixteen chapters..."

Reviewed in Journal of Forestry, Feb. 1951

FAULKNER, EDWARD HUBERT. Soil Development. 232 p. Norman, Univ. of Oklahoma Press, 1952. 56.7 F27S6

The author of the widely discussed Plowman's Folly extends the experiments which he reported earlier. Soil Development is a report on his revolutionary techniques for making good land out of bad land - keeping the soil in production at the same time.

FOX, RODNEY. Agricultural and Technical Journalism. 229 p. N. Y., Prentice-Hall, 1952. 238 F83

"Application of the information in this book can go a long way toward helping non-journalist workers solve their publicity problems. By providing scientific and technical information in simple and understandable language,

scientists and technical workers can do much to inform and educate the general public and contribute to the solution of many vital social problems of today.

"Information needed by county agents, home demonstration agents, managers of cooperatives, engineers, foresters, public health officials, and all others who work in the field of applied science has been emphasized..."

SAMPSON, ARTHUR W. Range Management: principles and practices. 570 p. N. Y. John Wiley & sons, 1952. 60.1 Sa4R

A review of this important book written by a range authority will appear in our Newsletter in the near future. Meanwhile you may wish to send in your requests for it is "First come, first served".

SOIL SCIENCE SOCIETY OF AMERICA. Proceedings, v.16, No. 1, January 1952

Beginning with January 1952 the Proceedings will appear as a quarterly journal. In its new form the Proceedings will contain papers presented at the annual meetings of the Society, but will bring to its readers other papers besides those presented at the Society meetings, short notes on soil, current news items about soil affairs, book reviews and other matters of interest. If you wish to be on the routing list please notify the Library.

SPURR, STEPHEN HOPKINS. Forest Inventory. 476 p. N. Y., Ronald Press Co., 1952. 99.4 Sp9F

Forest Inventory is a comprehensive report on present-day forest mensuration techniques. It deals with the measurements of trees and stands, the estimation of their volume, the prediction of growth, and sampling problems involved in forest inventory design. A large amount of original material has been added to a critical survey of previous work in the field of forest mensuration.

HOUSE
U. S. CONGRESS. Subcommittee of the Committee on Appropriations. Hearings ... Department of Agriculture appropriations for 1953. Washington, D. C., 1952 148.9 Ap6

To date only Parts 1 and 3 have been issued.

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MAILING SUGGESTIONS

Requests for library service are Official Business and may be sent under frank. Books weighing less than four pounds may be returned to the Library under frank also. There is a considerable saving in postage if "Book Rate" is used for all packages of books weighing more than four pounds. "Book Rate" is 8¢ for the first pound and 4¢ for each additional pound.

SELECTED PAMPHLETS

AERIAL PHOTOGRAPHY IN FORESTRY

- Controlled sampling for aerial-photo timber cruises. 3 p. 1951. (Central States Forest Expt. Station. Station Notes No. 66) 1.9 F76 C33S No.66
- A percent slope scale for photo interpreters. 2 p. 1949. (Central States Forest Expt. Station. Station Notes No. 53) 1.9 F76 C33S No.53
- Timber cruising on aerial photos. 27 p. 1951. (Central States Forest Expt. Station. Technical Paper No. 126) 1.9622 C37222 No. 126
- Use of low-altitude continuous-strip aerial photography in forestry. 19 p. 1951. (Southern Forest Expt. Station. Occasional Paper No. 118) 1.9 F76 So8Q No.1

CONSERVATION EDUCATION

- Books, booklets and bulletins on soil and water conservation. 24 p. 1951. (USDA Agr. Inform. Bul. No. 63) 1 Ag84Ab No.63
- Conservation in the national forests of California: a unit of study. 60 p. 1951. San Francisco, U. S. Forest Service.
- Dollars and sense in conservation. 39 p. 1951. (Calif. Agr. Expt. Sta. Cir. No. 402) 100 C13S(c) No. 402
- Guidebook for conservation education. 48 p. Calif. Dept. of Natural Resources, 1950.
- Looking over your national forests. 29 p. San Francisco, U. S. Forest Service, 1951.
- Youth can help conserve these resources - soil, water, woodland, wildlife, grass. 24 p. 1951. (USDA Agr. Inform. Bul. No. 52) 1 Ag84Ab No. 52

EXHIBITS

- Educational exhibits: a bibliography. 4 p. 1949. (USDA Library. Library List No. 45) 1.916 L612 No.45
- Educational exhibits: how to prepare and use them. 41 p. 1951. (USDA Agr. Handbook No. 32) 1 Ag84Ah No.32

HOME ECONOMICS

- Food guide for older folks. 16 p. 1952. (USDA Home and Garden Bul. No. 17) 1 Ag84Hg No. 17
- Make your own draperies. 31 p. 1951. (Oreg. Agr. Col. Ext. Bul. No. 721) 100 Or3EB No.721
- Your farmhouse ... planning the kitchen and workroom. 48 p. 1951. (USDA Home and Garden Bul. No. 12) 1 Ag84Hg No.12

LIVESTOCK

- Growing root crops for livestock. 12 p. 1950. (USDA Farmers' Bul. No. 1699 rev.) 1 Ag84F No. 1699
- Control of lice and sheep ticks on sheep and goats. 11 p. 1951. (USDA Leaflet No. 308) 1 Ag84L No.308
- Control of lice on cattle. 11 p. 1951. (USDA Leaflet No. 319) 1 Ag84L No.319
- Electric brooding saves pigs, saves lambs, saves feed. 16 p. 1952. (USDA Farmers' Bul. No. 2039) 1 Ag84F No. 2039
- Livestock breeding research at the U. S. Range Livestock Experiment Station. 12 p. 1951. (USDA Agr. Inform. Bul. No. 18 rev.) 1 Ag84Ab No.18

Minerals for livestock. 12 p. 1951. (Oreg. Agr. Expt. Sta. Bul. No. 503)
100 Or3(b) No. 503
Raising dairy cattle in California. 28 p. 1951. (Calif. Agr. Coll. Ext. Cir.
No. 107 rev.) 100 Cl2E No. 107

LOGGING AND LUMBERING

Measuring trees and logs. 15 p. 1951. (Oreg. Agr. Col. Ext. Bul. No. 716)
100 Or3EB No. 716
Recruiting and training labor for woods work. 16 p. 1949. (Northeastern Forest
Expt. Sta. Station Paper No. 24) 1.9622 N2St22 No. 24
Small sawmill operator's manual. 121 p. 1952. (USDA Agr. Handbook No. 27)
1 Ag84Ah No. 27

PERSONNEL ADMINISTRATION

Executives for the federal service, by John J. Corson. A report prepared for the
Carnegie Corp. of N. Y., under the auspices of Public Administration Clear-
ing House. 77 p. Chicago, 1951.
How to conserve stenographic and typing skills. 9 p. 1951. (U. S. Civil Service
Commission. Personnel Management Series No. 1)
Selecting supervisors. 30 p. 1951. U. S. Civil Service Commission.
Working together on training for government service. 12 p. 1951) (USDA Off.
of Personnel, Admin. Ser. No. 9) 1 P432A No. 9

SOIL CONSERVATION & IMPROVEMENT

Improvement of an alkali soil by treatment with manure and chemical amendments.
37 p. 1951. (Oreg. Agr. Expt. Sta. Tech. Bul. No. 22) 100 Or3S No. 22
Land capability for soil and water conservation in Idaho. 30 p. 1951. (Idaho
Agr. Expt. Sta. Bul. No. 286) 100 Id1B No. 286
Liming soils for better farming. 38 p. 1951. (USDA Farmers' Bul. No. 2032)
1 Ag84F No. 2032
Making land produce useful wildlife. 29 p. 1951. (USDA Farmers Bul. No. 2035)
1 Ag84F No. 2035
Our American land. 32 p. 1950. (USDA Misc. Pub. No. 596 rev.) 1 Ag84M No. 596
Peat and muck in agriculture. 31 p. 1951. (USDA Cir. No. 888) 1 Ag84C No. 888
Place of summer fallow in the agriculture of the Western states. 17 p. 1951.
(USDA Cir. No. 886) 1 Ag84C No. 886
Release of native and fixed nonexchangeable potassium of soils containing hydrous
mica. 46 p. 1951. (USDA Tech. Bul. No. 1049) 1 Ag84Te No. 1049
Russian-olive for wildlife and good land use. 8 p. 1951. (USDA Leaflet No. 292)
1 Ag84L No. 292
Russian wild-rye. 8 p. 1951. (USDA Leaflet No. 313) 1 Ag84L No. 313
Sericea in conservation farming. 28 p. 1951. (USDA Farmers' Bul. No. 2033)
1 Ag84F No. 2033
Use of sawdust for mulches and soil improvement. 19 p. 1951. (USDA Cir. No. 891)
1 Ag84C No. 891

WATER

Central Valley report, 1951. 35 p. U. S. Bureau of reclamation.
Colorado River aqueduct; 5th ed. 76 p. Los Angeles, Metropolitan Water District,
1950.
Flood flow through reservoirs as modified storage. 5 p. Portland, Oreg., SCS,
1951.

Flood routing through a reservoir. 7 p. Sacramento, Calif., SCS, 1950.
Metropolitan Water District of Southern California: Report for the fiscal year
July 1, 1950 to June 30, 1951. 110 p. Los Angeles, Calif., 1951.
292 M56
Typical spillway design for earth fill dams. 14 p. Portland, Oreg., SCS, 1951.

AVAILABLE GARDEN BOOKS

BLAIR, EDNA. The Food Garden. 1942. 91.15 B572
BOTTOMLEY, MYRL E. New Designs of Small Properties. 1948. 98 B65 1948
BUSH-BROWN, LOUISE C. America's Garden Book. 1946. 90 B96 1946
DEMPSEY, PAUL W. Grow Your Own Vegetables. 1944. 91.15 D39 1944
FARNHAM, RICHARD B. Grounds for Living. 1946. 90 F23
FOLEY, DANIEL J. Vegetable Gardening in Color. 1942. 91.15 F69
FOX, HELEN M. Gardening with Herbs. 1940. 97.21 F83
GAST, ROSS H. Vegetables in the California Garden. 1943. 91.15 G21
HOTTES, ALFRED CARL. The Book of Annuals. 1945. 97.41 H79 Ed.5
HOTTES, ALFRED CARL. The Book of Perennials. 1944. 97.21 H79P Ed.6
MACNEIL, ALAN. Garden Lilies. 1946. 96.46 M23
MERRIFIELD, RICHARD. Sunset's Flower Garden Book. 1943. 90 M55
MITCHELL, SYDNEY BANCROFT. Your California Garden and Mine. 1947. 97 M694Y
NISSLEY, CHARLES HEBRON. Home Vegetable Gardening. 1942. 91.15 N63
OLVER, EDWARD W. Landscaping the Small Home. 1931. 98 OL3L
PRYOR, WILLIAM CLAYTON. The Lazy Gardener. 1947. 97 P95
PYENSON, LOUIS. Pest Control in the Home Garden. 1947. 423 P99
SHEAT, WILFRID G. Propagation of trees, shrubs and conifers. 1948. 90.11 Sh3
SPRAGUE, HOWARD B. Better Lawns. 1940. 97.6 Sp7
SUNSET MAGAZINE. Sunset's Vegetable Garden Book. 1943. 91.15 Su7
UPPMAN, ELSA. The Visual Garden Manual. 1941. 90.3 Up6
VAN MELLE, P. J. Shrubs and Trees for the Small Place. 1943. 97.31 V33
WILKINSON, ALBERT E. The Encyclopedia of Fruits, Berries, & Nuts and How to
Grow Them. 1945. 93.21 W65

Also available are the many excellent bulletins issued by
the U. S. Dept. of Agriculture and the various state agri-
cultural experiment stations. Tell us whether you want to
raise fruit, vegetables, berries or flowers - and where.

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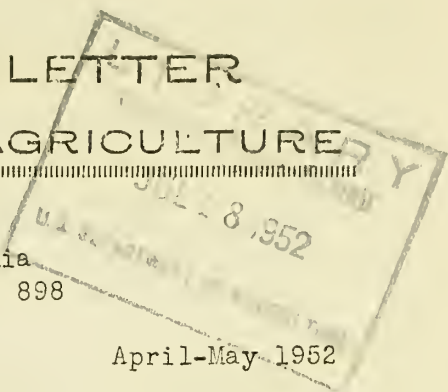
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Vol. 11, No. 4-5

April-May 1952

NEW BOOKS

AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE. Proceedings. Ithaca, N. Y., Cornell Univ., 1951. 81 Sol2

The Library has just received volumes 57 and 58.

BARTHOLOMEW, ELBERT T. AND SINCLAIR, WALTON B. The Lemon Fruit; its composition, physiology, and products. 163 p. Berkeley, Univ. of Calif. Press, 1951. 463.29 B28

"The results of twenty years' research have been assembled and summarized in this study, bringing to date a wealth of general and technical knowledge concerning the lemon. These findings will interest growers, processors, shippers, and consumers, as well as food technologists and other research workers who may be guided by this book in future work on this important citrus crop. The lemon has probably a greater variety of culinary, beverage, industrial, and medicinal uses than any other fruit."

BERNAYS, EDWARD L. Public Relations. 374 p. Norman, Univ. of Oklahoma Press, 1952. 238.2 B45

"Public relations as described in this volume is, among other things, society's solution to problems of maladjustment that plague our complex world. All of us, individuals or organizations, depend for survival and growth on adjustment to our publics.

"The book is important to all of us because it tells how to adjust ourselves to our publics.

"Edward L. Bernays, U. S. publicist number one, gives here the kind of advice individuals and organizations of the most diversified kind have sought from him on a professional basis during the past three decades. With such knowledge, every intelligent person can carry on his activities more effectively.

"There is know-why as well as know-how in this book. Mr. Bernays explains the underlying philosophy of public relations and public relations methods and practices to be applied in specific cases. He presents broad approaches and solutions as they have been successfully carried out in his long professional career."

BROOKS, REID M. & OLMC, H. P. Register of New Fruit and Nut Varieties, 1920-1950. 206 p. Berkeley, Univ. of Calif. Press, 1952. 93 B794

"This is the first compilation of verified information on the origin and principal characteristics of new fruit and nut varieties originating in North America. It lists and briefly describes 1,106 varieties of fruit and nuts introduced commercially to the trade during the last thirty years. This book gives fruit growers information on new and valuable varieties and will prove of fundamental importance to fruit breeders."

BROWN, H. P. Textbook of Wood Technology. Vol. II. The Physical, Mechanical, and Chemical Properties of the Commercial Woods of the United States. 783 p. N. Y., McGraw-Hill, 1952. 99.79 B81T v.2

"The companion volume to Structure, Identification, Defects, and Uses of the Commercial Woods of the United States, this text is divided into three parts which treat the physical, mechanical, and chemical properties of commercial woods. Derivations of almost all of the equations used in measuring the physical and mechanical properties of wood are given. Recent advances are included".

GARRARD, C. WILLIAM. An Annotated Bibliography on Aerial Photographic Applications to Forestry. 81 p. Syracuse, N. Y. State College of Forestry, 1951. (Bulletin No. 26) 99.08 N48B No.26

HOWARD, ALEXANDER L. A Manual of the Timbers of the World: their characteristics and uses. 3rd ed. 751 p. London, Macmillan, 1951. 99.79 H83

"The Second World War, like the First, expedited the use of many unfamiliar woods, which in the ordinary course of events would have taken a long time to reach this country in any quantity.

"Up to the time of his death in 1946, Mr. Alexander Howard, with unfailing enthusiasm examined these timbers and recorded their characteristics, particularly with a view to their use as substitutes for those woods which had become scarce or unobtainable owing to war conditions.

"The results of this study, and research in many other directions, are to be found here in the third and greatly enlarged edition of this standard work, while all the matter which appeared in the previous editions has been revised and brought up to date."

PIRONE, P. O. Modern Gardening: a complete guide to the agricultural uses of modern chemistry's miracle drugs. 371 p. N. Y., Simon & Schuster, 1952. 395 P66

"How to feed plants through their leaves, how to spray weeds to death, how to beat the insects, how to speed up or slow down the growth of vegetables and flowers, trees and hedges - these are some of the questions answered in this book. Here is the first complete guide to the miracle drugs modern chemistry has developed for the commercial farmer and for the back-yard gardener. This is the case for modern science in the old debate over what makes a good garden grow."

SUPREME COMMANDER FOR THE ALLIED POWERS. GENERAL HEADQUARTERS. NATURAL RESOURCES SECTION. Japanese Natural Resources: a comprehensive survey. 559 p. Tokyo, Hosokawa Printing Co., 1949. 280.183 Su7J

The study here presented was undertaken to answer the need for an over-all investigation of Japanese resource management problems, and their bearing on the creation of an economically self-supporting Japan.

In addition to the comprehensive report mentioned above, the following publications are available:

Preliminary Studies (280.9 Su72)

- No. 11. Newsprint in Japan. 1947. 13 p.
- No. 37. Forest areas, volume, and growth in Japan, by L. J. Cummings, D. J. Haibach & H. F. Wise. 1950. 30 p.
- No. 39. Forestry and flood control in Japan, by C. J. Kraebel. 1950. 29 p.
- No. 40. Japanese forestry bibliography, 1940-48, by T. Sasaki & K. Watanabe 1952. 132 p.
- No. 49. Forest policy and legislation for Japan, by Tom Gill. 1951. 26 p.
- No. 54. An organization plan for farm home life research in Japan, by Maud Wilson. 1951. 53 p.
- No. 57. Adaptation of taxation to Japan's forest policy, by R. C. Hall. 1951. 32 p.
- No. 61. Improved forest planting and nursery practices for Japan, by F. M. Cossitt. 1951. 46 p.
- No. 64. Policy and program for forest research in Japan, by G. W. Trayer. 1951. 18 p.

Reports (280.9 AL5)

- No. 110-B. Reconnaissance soil survey of Japan: Kyushu area. 1950. 73 p.
- No. 110-C. Reconnaissance soil survey of Japan: Kyoto area. 1950. 54 p.
- No. 110-D. Reconnaissance soil survey of Japan: Shikoku. 1950. 57 p.
- No. 110-G. Reconnaissance soil survey of Japan: Northern Honshu area. 1951. 69 p.
- No. 110-H. Reconnaissance soil survey of Japan: Hokkaido. 1951. 80 p.
- No. 110-I. Reconnaissance soil survey of Japan: Summary. 1951. 60 p.
- No. 119. Important trees of Japan. 1949. 87 p.
- No. 123. High-yield pulping process in Japan. 1949. 39 p.
- No. 124. Newsprint in Japan. 1949. 31 p.
- No. 147. Properties of commercial important Japanese woods. 1951. 72 p.
- No. 153. Forestry in Japan, 1945-51. 1951. 143 p.

WESTVELD, R. H. Forestry in Farm Management; 2d ed. 340 p. N. Y., Wiley, 1951. 99.55 W52 Ed.2

The second edition of Forestry in Farm Management combines basic principles with new forest techniques and equipment which have made farm forestry work easier, cheaper, faster - generally more efficient. Throughout the book, the farm forest is treated as an integral part of the farm which must be coordinated with all other farm operations.

NEW PERIODICALS

OUR PUBLIC LANDS. Issued quarterly by the Bureau of Land Management.

WEEDS. Issued quarterly by the Association of Regional Weed Control Conferences.

These will be routed to you upon request.

SELECTED PAMPHLETS

CASTORBEANS

Castorbean production. 22 p. 1952. (USDA Farmers' Bul. No. 2041) 1 Ag84F

FORAGE PLANTS & GRASSES

The Dalles pocket gopher and its influence on forage production of Oregon mountain meadows. 36 p. 1951. (USDA Cir. No. 884) 1 Ag84C No. 884

Forage grasses for hay and pasture. I. Smooth brome varieties. 3 p. 1952. (Nev. Agr. Expt. Sta. Cir. 1)

Forage habits of mule deer during the late fall as measured by stomach content analysis. 5 p. 1952. (Intermountain Forest & Range Expt. Sta. Research Note No. 2)

Hay drying in Oregon. 63 p. 1951. (Oreg. Agr. Expt. Sta. Bul. No. 506) 100 Or3(b) No. 506

Improving California brush lands. 38 p. 1952. (Calif. Agr. Expt. Sta. Cir. No. 371 rev.) 100 C12S(c) No. 371

Promising forage species and seasons for reseeding northeastern Washington scablands. 5 p. 1952. (Northern Rocky Mt. Forest & Range Expt. Sta. Research Note No. 106) 1.9622 N3R31 No. 106

Rose clover, a new winter legume. 11 p. 1952. (Calif. Agr. Expt. Sta. Cir. No. 407) 100 C12S(c) No. 407

Seasonal variations of crude protein and phosphorus in four range plants used for reseeding. 5 p. 1951. (Intermountain Forest & Range Expt. Sta. Research Note No. 1)

Seed production of ladino clover. 30 p. 1951. (Calif. Agr. Col. Ext. Cir. No. 182) 100 C12E No. 182

Use of honey bees in alfalfa seed production. 11 p. 1951. (USDA Cir. No. 876) 1 Ag84C No. 878

Will 2,4-D control Sierra larkspur? 6 p. 1952. (Northern Rocky Mr. Forest & Range Expt. Sta. Research Note No. 109) 1.9622 N3R31 No. 109

HYDROLOGY

Agricultural hydrology as evaluated by monolith lysimeters. 149 p. 1951. (USDA Tech. Bul. No. 1050). 1 Ag84Te No. 1050

PERSONNEL MANAGEMENT

Career opportunities for graduate veterinarians in the Bureau of Animal Industry. 18 p. 1952. (USDA Agr. Inform. Bul. No. 75) 1 Ag84Ab No. 75

Careers in soil conservation. 12 p. 1952. (USDA Agr. Inform. Bul. No. 76) 1 Ag84Ab No. 76

Facts about government work and workers. 28 p. 1952. U. S. Civil Service Comm. Fifth personnel management meeting, Dec. 3-7, 1951. 127 p. USDA Office of Personnel. 1.917 A2P432

Guide posts for supervisors. Practical guide sheets for self improvement, career development, supervisory training. USDA Office of Personnel, 1951.

PUNCH CARDS

Application of punch card equipment to statistical processing, by L. W. Armstrong. 13 p. USDA, Committee on experimental design, 1951.



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Vol. 11, No. 6-7

June-July 1952

NEW BOOKS

ADAMS, RICHARD LABAN. Business Management for Western Farms and Ranches. 186 p. Danville, Ill., Interstate Printers, 1952. 281.003 Ad1

"This text has been prepared to give training in the principles, practices, and techniques of business management as applied to Western agriculture. The purpose of its study is primarily to learn the underlying principles, concepts, and procedures in order to develop judgement in applying these fundamentals to the business of farming..."

ALLEN, SHIRLEY WALTER. An Introduction to American Forestry. 413 p. N. Y., McGraw-Hill, 1950. 99 A15 Ed.2

The historical material and well-established principles of forestry emphasized in the first edition have been retained in this revision. The changing techniques and policies - particularly significant in the fields of private and state forestry activities - have been brought up to date.

AUL, HENRY B. How to Build Garden Structures, Grills, Terraces, Shelters, Arbors, Fences, Gates, etc. 384 p. N. Y., Heridan House, 1950. 97.5 Au5

The title is self-explanatory. Detailed drawings and instructions for the construction of garden structures are included.

GOLZE, ALFRED R. Reclamation in the United States. 451 p. N. Y., McGraw-Hill, 1952. 54 G58

The author's first purpose in writing this book is to give his own Bureau of Reclamation personnel and understanding of the many facets of reclamation activity that include such diverse matters as project feasibility, high-dam construction, land settlement, and repayment contracts. His second purpose is to present the facts of reclamation in the United States in logical form for those persons seeking an understanding of its importance, objectives and place in the national economy.

HENDERSON, HIRAM L. The Air Seasoning and Kiln Drying of Wood. 5th ed. 364 p. Albany, N. Y., 1951. 300 H38 Ed.5

The author is associate professor of Forest Utilization at the New York State College of Forestry. This is a 5th edition of the well-known book. Recent improvements that have proved their worth are shown and many new illustrations are included.

HILL, ALBERT F. Economic Botany: a textbook of useful plants and plant products. 2d ed. 560 p. N. Y., McGraw-Hill, 1952. 452.8 H55 Ed.2

"The second edition of this well-known work again emphasizes the influence which plants have had on history and civilization and their importance in the everyday life of mankind. As before, the book gives a clear, simple, and interesting discussion of the major useful plants and plant products of the world from the standpoint of their history, cultivation, preparation, and utilization. Not only are the important economic plants of America included, but those of other parts of the world are treated as well, in so far as they enter into international commerce".

KELLEY, W. P. Alkali Soils: their formation, properties and reclamation. 176 p. N. Y. Reinhold Pub. Corp., 1951. 56.33 K28

"The author has integrated an extensive background in research and practical experience, with historical and modern findings on alkali soils, in this significant treatise of value to students of arid agricultural regions. The book gives an extensive review of the principal findings in the chemistry of these soils. The viewpoint is that of workers at the University of California, but few of the conclusions reached will be questioned by specialists..."

From review in Science, Nov. 23, 1951

KELLOGG, CHARLES E. Our Garden Soils. 232 p. N. Y., Macmillan, 1952. 56.34 K29

"Your garden - a window box or a thousand-acre farm - can only be as good as its soil. Soil condition determines the success of a garden, whether it be vegetable, herbs, flowers, trees, small shrubs, or field crops.

"This book makes the complex knowledge of soil science available to you for solving the problem of your own garden wherever it is - in the city, the suburbs, or the country. Is your soil too sandy, too wet, too sloping, too thin, too clayey, too dry, or lacking in fertility? The solution can be found within those pages. Dr. Kellogg tells you, in non-technical language, how to determine soil types, how to maintain proper amounts of organic matter and moisture, how to control soil acidity, and how to balance plant nutrients. Numerous tables recommend specifically the plants that are best for specific soils".

MILLAR, C. E. & TURK, L. M. Fundamentals of Soil Science. 2d ed. N. Y., Wiley, 1951. 510 p. 56 M613 Ed.2

"This thoroughly revamped second edition of a popular book, gives a complete, accurate, and up-to-date treatment of fundamental principles of soil science. Each chapter has been modernized to give it new life and usefulness. The authors combine the fundamentals with the new concepts in their attempt to solve the basic problem of soil science - how to utilize the soil to best advantage. Approaching the subject universally - information is regionally restricted only where necessary - the authors supply excellent illustrations and tabular data to support their facts. There is a valuable Glossary of Soil Science for those who are not familiar with the terminology".

MOSES, BEN D. & FROST, KENNETH R. Farm Power. 484 p. N. Y., Wiley, 1952.
58 M855

"Here is practical information that is essential to the successful operation of modern farm power equipment. The purpose of the book, the authors say, is to clarify farm expressions common to mechanics, technicians, and operators and to explain the "why" as well as the "how" of farm power. The book correlates the simple mechanical law expressed in the equation $WORK = FORCE \times DISTANCE$, with the performance of primo movers on the farm".

THOMPSON, LOUIS M. Soils and Soil Fertility. 339 p. N. Y., McGraw-Hill, 1952.
56 T37

This is a basic text designed for an elementary college course in soils. Particular emphasis is on the formation and classification of soils, soil fertility and the use of fertilizers, maintenance of organic matter and soil conservation. There are chapters that deal specifically with phosphorus, potassium, sulfur, and the minor elements, as well as the usual text emphasis on nitrogen and calcium. Another chapter discusses the variations in plant composition.

TIMMONS, JOHN F. & MURRAY, WILLIAM G. Land Problems and Policies. 298 p., Ames, Iowa State College Press, 1950. 282 T48

"Not since the Conservation Movement of Theodore Roosevelt took on the proportions of a crusade has conservation of land and related resources been the subject of so much debate as in the past few years. Everyone, it seems, believes in conservation, and agrees that conservation is wise use. But there agreement ends. The core of disagreement is two questions: what is wise use? how can it be achieved? This book attempts to bring light to a subject which too often is treated only with heat. Clarification does not mean simplification, however; quite the contrary.

"Land Problems and Policies is made up of papers delivered by specialists in one or another of the pertinent fields at the Land Economics Institute held at the University of Iowa in the summer of 1949, with lectures given in the Graduate School of the United States Department of Agriculture forming three additional chapters ..."

From review in American Economic Review

WING, LEONARD W. Practice of Wildlife Conservation. 412 p. N. Y., Wiley, 1951.
412.9 W72

"...The book is written in an extremely well-organized and readable style, which avoids scientific jargon and documentation. Each subject is treated briefly, but adequately, inasmuch as there is an excellent selection of references for further reading at the end of each chapter. Progressive sportsmen, private, state, and federal administrators, and university teachers will all find much of interest throughout the book ..."

From review in Scientific Monthly

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WOHLETZ, LEONARD R. & DOLDER, EDWARD F. Know California's Land: a land capability guide for soil and water conservation. 48 p. Sacramento, Calif. Sept. of Natural Resources, 1952.

This publication deals with the nature, distribution, extent, use and conservation of California's land resources. There is a 42 x 58-inch, 8-color map of California showing the generalized distribution of the land capability classes of the State.

WOOLEY, J. C. & BEASLEY, R. P. Farm Water Management. 170 p. Columbia, Mo., Lucas Bros., 1950. 292 W88

"This text was prepared as a guide in selecting the erosion control practices needed to maintain the productivity of a farm and to give the planner the techniques involved in applying the selected water management practices to the farm and into the activities involved in its operation. It was planned primarily for class work but it contains information that will be helpful to farmers in planning their own farms and to others engaged in water management work".

From Preface.

WOOLEY, J. C. Repairing and Construction Farm Buildings. 261 p. N. Y., McGraw-Hill, 1952. 296 W88R

"...With the aid of this practical book, any farmer can learn how to construct and repair his own buildings. Mr. Wooley describes in clear, non-technical language all the important details of constructing and repairing the various types of buildings to be found on the well-run farm.

"The first part of this book tells how to repair all sections of farm buildings - foundations, walls, floors, frames, windows, doors, and roofs. There are also chapters on insulation, ventilation, and repair of silos. The book emphasizes the "how" in making repairs and the importance of doing the work before the need for repairs gets out of hand.

"Part II gives step-by-step instructions on the construction of new buildings, from the staking out of the building to excavation, mixing and placing concrete, constructing a foundation, erecting the framework, and putting on the roof. A chapter is included on the making of yard fences and gates. Specific information is given on construction factors that will reduce repair needs and at the same time contribute to greater efficiency building."

SELECTED PAMPHLETS

BUILDINGS

Easy-to-build kitchen cabinets for the remodeled farmhouse. 23 p. 1952.

(USDA Home & garden bul. No. 18) 1 Ag84Hg No.18

Foundations for farm buildings. 46 p. 1952. (USDA Farmers' bul. No. 1869 rev.)

1 Ag84F No. 1869

PLEASE WRAP BOOKS SECURELY IN CORRUGATED PAPER

COTTON & COTTONSEED

- Cottonseed oil: mill characteristics and marketing practices. 35 p. 1951.
(USDA Agr. Inform. Bul. No. 79) 1 Ag84Ab No. 79
- Cottonseed-supply areas. 96 p. 1950. (USDA Statis. Bul. No. 90) 1 Ag84St.No.90
- The grading of cottonseed. 66 p. 1951. (USDA Agr. Inform. Bul. No. 39)
1 Ag84Ab No. 39
- Some improved methods for receiving bales of cotton in compresses and warehouses.
54 p. 1952. (USDA Agr. Inform. Bul. No. 80) 1 Ag84Ab No. 80

FORESTS & FORESTRY

- Area and ownership of forest land in Lake County, Calif. 22 p. 1952. (U. S. Forest serv. Calif. Forest & Range Expt. Sta. Forest Survey Release No.11)
1.9 F76 C12F No. 11
- Area and ownership of forest land in Mendocino County, Calif. 23 p. 1951.
(U. S. Forest Serv. Calif. Forest & Range Expt. Sta. Forest Survey Release No. 10) 1.9 F76 C12F No. 10
- Area and ownership of forest land in Siskiyou County, Calif. 23 p. 1950.
(U. S. Forest Serv. Calif. Forest & Range Expt. Sta. Forest Survey Release No. 8) 1.9 F76 C12F No. 8) 1.9 F76 C12F No. 8
- Area and ownership of forest land in Trinity County, Calif. 23 p. 1951. (U.S. Forest Serv. Calif. Forest & Range Expt. Sta. Forest Survey Release No. 9) 1.9 F76 C12F No. 9
- Conservation of forest resources, by K. Decker. 30 p. 1951. (Calif. Univ. Bur. Pub. Admin. Leg. Problem No. 9) 280 C1222 No. 9
- Effect of fire on forest soils in the pine barren region of New Jersey. 50 p. 1952. (Yale Univ. School of forestry Bul. No. 57) 99.9 Y1B No. 57
- Forest insurance. 85 p. 1949. (U. S. Forest serv. Northeastern Forest Expt. Sta. Station paper No. 26) 1.9622 N2St22 No. 26
- Forest yield taxes. 50 p. 1952. (USDA Cir. No. 899) 1 Ag84C No. 899
- Here's how ... a guide to tree planting in the California pine region. 26 p. 1952. (U. S. Forest serv. Calif. Forest & Range Expt. Sta. Misc. Paper No. 8) 1.9622 C2M68 No. 8
- Reducing logging damage. 9 p. 1952. (U. S. Forest Serv. Calif. Forest & Range Expt. Sta. Forest Research Note No. 82) 1.9 F7626R No. 82
- Research on chemical control of fungi in green lumber, 1940-51. 60 p. 1951.
(USDA Tech. Bul. No. 1046) 1 Ag84Te No. 1046
- Shortcuts for cruisers and scalers. 24 p. 1952. (U. S. Forest Serv. Southern Forest Expt. Sta. Occasional paper No. 126) 1.9 F76 So80 no. 126
- Suggestions for techniques in reforestation in the Intermountain region. 3 p. 1950. (U. S. Forest Serv. Intermountain Forest & Range Expt. Sta. Research paper No. 19) 1.9622 I2R31 No. 19
- Tree planting for California forests and farms, 23 p. Calif. Div. Forestry, 1950.

GARDENING

- Citrus fruit for the home garden. 14 p. 1952. (Calif. Agr. Expt. Sta. Cir. No. 409) 100 C12S(c) No. 409
- Greenhouse construction and heating. 38 p. 1952. (USDA Farmers' Bul. No. 1318 rev.) 1 Ag84F No. 1318
- Pruning ornamental trees, shrubs, and vines. 43 p. 1952. (Calif. Agr. Col. Ext. Cir. No. 183) 100 C12E No. 183

GEOLOGY

- Geological investigations of chromite in California, 1946-1951. 3 pts. (Calif. Div. Mines. Bul. No. 134) 294.9 C12B No. 134
- Geology and ground-water resources of the South Coast basins of Santa Barbara County, Calif. 144 p. 1951. (USGS Water supply paper No. 1108) 407 G29W No. 1108
- Geology of the Healdsburg quadrangle, Calif. 76 p. 1951. (Calif. Div. Mines Bul. No. 161) 294.9 C12B No. 161

HOME MANAGEMENT

- Buying sweaters for the family. 16 p. 1952. (USDA Home & garden Bul. No. 16) 1 Ag84Hg No. 16
- Dresses and aprons for work in the home. 16 p. 1952. (USDA Farmers' Bul. No. 1963) 1 Ag84F No. 1963 rev.
- A fruit and vegetable buying guide for consumers. 61 p. 1952. (USDA Home & Garden Bul. No. 21) 1 Ag84Hg No. 21
- How to tailor a woman's suit. 24 p. 1946. (USDA Home & Garden Bul. No. 20) 1 Ag84Hg No. 20
- Preventing and removing mildew - home methods. 10 p. 1952. (USDA Leaflet No. 322) 1 Ag84L No. 322
- What to do when your home freezer stops. Folder. 1952. (USDA Leaflet No. 321) 1 Ag84L No. 321

IRRIGATION

- The border method of irrigation. 23 p. 1952. (Calif. Agr. Expt. Sta. Cir. No. 408) 100 C12S(c) No. 408
- Irrigation management investigations on non-saline soils: Owyhee irrigation project, Oregon. 51 p. 1952. (Oreg. Agr. Expt. Sta. Tech. Bul. No. 23) 100 Or3S No. 23

LIVESTOCK

- Artificial insemination in livestock breeding. 71 p. 1952. (USDA Cir. No. 567 rev.) 1 Ag84C No. 567
- The beef calf: its growth and development. 26 p. 1950. (USDA Farmers' Bul. No. 1135 rev.) 1 Ag84F No. 1135
- Corn silage as the sole roughage for dairy cattle. 16 p. 1952. (USDA Tech. Bul. No. 1057) 1 Ag84Tc No. 1057
- Feeding, care, and management of young dairy stock. 43 p. 1952. (USDA Farmers' Bul. No. 1723 rev.) 1 Ag84F No. 1723
- Judging sheep. 14 p. 1952. (USDA Farmers' Bul. No. 1199 rev.) 1 Ag84F No. 1199
- The marketing of Oregon livestock. 39 p. 1952. (Oreg. Agr. Expt. Sta. Bul. No. 514) 100 Or3(b) No. 514
- Rambouillet and Columbia-Rambouillet lambs on the range and in the feed lot. 20 p. 1950. (Utah. Agr. Expt. Sta. Bul. No. 341) 100 Utl(b) No. 341
- Sheep management in Oregon. 16 p. 1952. (Oreg. Agr. Coll. Ext. Bul. No. 723) 100 Or3EB No. 723
- Sheep records for great^{er} profits. 20 p. 1949. (Oreg. Agr. Expt. Sta. Cir. No. 182) 100 Or3(c) No. 182
- Swine production. 38 p. 1952. (USDA Farmers' Bul. No. 1437 rev.) 1 Ag84F

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Vol. 11, No. 8-10

Aug.-Oct. 1952

NEW BOOKS

EASTMAN KODAK CO. How To Make Good Pictures. 224 p. Rochester, N. Y., 1951.
332 Ea7H Ed.29

This new edition of How To Make Good Pictures has but one purpose - to help you get the most enjoyment, and the most satisfactory results, from your camera. The book's approach is simple: to help you see the picture possibilities that exist all around you, and to help you make the most of these possibilities through wise choice of viewpoint, lighting, good subject arrangement, and correct operation of your camera.

KAUFFMAN, ERLE, ed. The Conservation Yearbook, 1952. A directory and guide to facts, figures and people in American conservation. 288 p. Washington, Conservation Yearbook, 1952. 225 C766 (For reference only)

The Conservation Yearbook is designed as an annual directory and guide to agencies, commissions, boards, associations, foundations, societies, and other organizations concerned with the conservation program, and as an authoritative source of information on the progress of this program. An additional function is to report annually on the extent and condition of the conservation estate - key areas under organized protection and management.

PARKS, W. ROBERT. Soil Conservation Districts in Action. 242 p. Ames, Iowa State College Press, 1952. 56.7 P23

"The soil conservation district is a unique administrative device. Created under state enabling legislation as legally independent units of local government, the districts have, nonetheless, had a close daily operational relationship with state and federal agencies, particularly with the federal Soil Conservation Service. Although the district is governed by a board of local farmer supervisors, responsible only to their local constituents, the board's policy decisions and administrative operations are conditioned in varying degrees by the professional agricultural workers assigned in the district's locality.

"The soil conservation district, therefore, offers excellent opportunities for a case study of inter-governmental relations and of the problems and potentialities of lay farmer participation in agricultural administration. The first fifteen years of experience in the operation of the districts throughout the nation are the clinical materials out of which this study is made."

SEMPLE, A. T. Improving the World's Grasslands. 147 p. Rome, 1951. (FAO Agricultural Studies No. 16) 28 F73 No.16

"... Two of FAO's basic responsibilities are the securing of a sufficient nutritional standard for the world's evergrowing population, and the conservation and best use of its natural resources. Hardly any world-wide project holds out more promises, simultaneously and in both directions, than a concerted campaign for the improvements of grasslands. It is the aim of this publication to render governments conscious of this task and to help technicians execute it..."

THOMPSON, W. R. The Pasture book. 350 p. State College, Miss., W. R. Thompson, (1951?) 60.1 T37 Ed.9

Although The Pasture Book was written originally for the Southern states, this edition contains information for the whole United States. It is a practical guide and handbook for farmers, county agents or anyone interested in saving the fertility of our soil. It appears to contain an amazing amount of practical information, including such subjects as fencing, fertilizing, mowing, weed control, systems of grazing. A large section of the book is devoted to the grasses, legumes, and cereals useful for grazing.

STAMP, L. DUDLEY. Land for Tomorrow: the underdeveloped world. 230 p. Bloomington, Indiana University Press, 1952. 282 St23

The author, a noted English geographer, shows that the most important underdeveloped lands are not in the tropics and uninhabited latitudes as we might expect. He believes that the hope for land development lies in the middle latitudes, in the United States, the Soviet Union, Canada, Australia, and the Argentine - countries already powerful and populated. Dr. Stamp shows in startling fashion that while the population of such densely inhabited countries as India and China is increasing, the rate of increase of the English-speaking white race is four times as rapid as the population of the world as a whole.

"To meet the worldwide menace of hunger, Dr. Stamp advocates the removal of man-made barriers and more efficient utilization of our present lands. Above all, he urges such a world-wide survey of land resources as will lead to intensive cultivation of our rich lands and an understanding of native agricultural problems so different from our own".

WAKSMAN, SELMAN A. Soil Microbiology. 356 p. N.Y., John Wiley & sons, 1952. 56.5 W13So

"This is a book about the life in the soil, the soil under our feet, the soil in which our cultivated and uncultivated plants grow and from which they derive most of their sustenance, and which in their turn support animal life, including that of man himself. This book deals with the numerous biological, physical, and chemical processes which continuously go on in the soil and in which microbes are involved. Without soil microbes, life on this planet would soon come to a standstill.

"... The aims of this book are to survey the nature and abundance of microorganisms in the soil, to review the important role that they play in soil processes, and, so far as possible, to show the relation between them and soil fertility (including plant nutrition and crop production). I have

attempted to point out some of the more promising lines of advance in the field of soil microbiology and to suggest some likely paths for future study..."

From the Preface

U. E. DEPT. OF AGR. Insects: the yearbook of agriculture, 1952. 780 p. Govt. Print. Off., 1952. 1 Ag84Y

"... Although the science of entomology has made great progress in the past two decades, the problems caused by insects seem to be bigger than ever. We have more insect pests, although we have better insecticides to use against them and better ways to fight them. Effective though our quarantines are against foreign pests, some of them are slipping through and require vigorous attention. Many aspects need to be considered in the control of insects. We must stop the destruction of our crops and forests, but the insecticides we use must leave no dangerous residues on foods, destroy no beneficial wildlife, and do no damage to our soils."

Supplementing the text are 72 full-color plates, 8 black-and-white photographs, and many line drawings.

BOOKS YOU MAY HAVE MISSED

- ADAMS, R. L. Farm Management Crop Manual; 4th ed. 1951. 281.010 Ad1
BOYCE, J. S. Forest Pathology; 2d ed. 1948. 464.07 B69F
BRINK, W. Big Hugh, the father of soil conservation. 1951. 120 B43
BRUCE, D. & SCHUMACHER, F. X. Forest Mensuration; 3d ed. 1950. 99.4 B83
CARHART, A. H. Water - or Your Life. 1951. 292 C192
CHAPMAN, H. H. Forest Management. 1950. 99.55 C36
CLAWSON, M. The Western Range and Livestock Industry. 1950. 40 C57
FLESCH, R. How to Test Readability. 1951. 200.4 P63H
FORMAN, J. ed. Water and Man: a study in ecology. 1950. 292 F76
FRANK, B. & NETBOY, A. Water, Land and People. 1950. 292 F85
GABRIELSON, I. N. Wildlife Management. 1951. 412.9 G11Wi
GULICK, L. H. American Forest Policy: a study of government administration and economic control. 1951. 99.61 G94
HAAS, K. B. & EWING, C. H. Tested Training Techniques. 1950. 249.3 H11
HANNAH, H. W. Law on the Farm. 1950. 30.5 H19
HOUGH, W. S. & MASON, A. F. Spraying, Dusting and Fumigating of Plants. 1951. 464.4 H81
LINSLEY, R. K. Applied Hydrology. 1949. 292 L65
MEZERICK, A. G. The Pursuit of Plenty: the story of man's expanding domain. 1950. 280.12 M57P
RICE, V. A. & JOFFEWS, F. N. Breeding and Improvement of Farm Animals; 4th ed. 1951. 40 R36
RODGERS, A. D. Bernhard Eduard Fernow: a story of North American forestry. 1951. 120 F392
ROE, H. B. Moisture Requirements in Agriculture: farm irrigation. 1950. 55 R32
SAUNDERSON, M. H. Western Land and Water Use. 1950. 282.003 Sa8
SAUNDERSON, M. H. Western Stock Ranching. 1950. 60.1 Sa8
SCHOFF, L. H. A National Agricultural Policy for all the people. 1950. 281.12 Sch6N
TEAD, O. The Art of Administration. 1951. 249 T22A
WHEELER, W. A. Forage and Pasture Crops. 1950. 60 W562

SIXTH INTERNATIONAL GRASSLAND CONGRESS

A friend of the San Francisco Branch Library who attended the Congress at Pennsylvania State College in August of this year sent us the papers listed below. If you would like to see any of them, just let us know.

Program ... (Doc. 2)

Abstracts of Papers (Doc. 5)

Section A - Genetics and breeding.

" B - Improvement and management of pastures, meadows and turf.

" C - Improvement and management of range lands.

" D - Ecology and physiology.

" E - Soil management and fertilization.

" F - Seed production and distribution.

" G - Soil and water conservation.

" H - Harvesting and preservation of forage.

" I - Use of forage in livestock feeding.

" J - Machinery.

" K - Experimental procedure in grassland research.

" L - Improvement and management of tropical grasslands.

Guide, (Doc. 6)

Provisional list of participants. (Doc. 7)

Opening address: Our concept of grassland agriculture, by P. V. Cardon. (Doc. 8)

Plenary Papers

The problem of pressure of grazing on native pastures, by L.S.S.Kumar. (Doc. 9)

Conservation and improvement of soil and water resources with grass, by

R. M. Salter. (Doc. 10)

Problems in development of a grassland program in the American tropics, by

C. A. Volio. (Doc. 11)

Grassland resources and potentials of the world, by F. T. Wahlen. (Doc. 12)

Putting grassland information to work, by J. S. Watson and A. G. Williams.

(Doc. 13)

Better turf - a world concept, by F. V. Grau. (Doc. 16)

MARKETING RESEARCH REPORTS

This is a new series of USDA publications based on research conducted under provisions of the Agricultural Marketing Act of 1946.

The call number is 1 Ag84Mr.

No. 1 - Survey of canvas awning fabricators. April 1952. 79 p.

No. 2 - Transportation and handling costs of selected fresh fruits and vegetables in the San Francisco Bay terminal market area. May 1952. 65 p.

No. 3 - Eating places as marketers of food products. 1952. 118 p.

No. 4 - Marketing charges for head lettuce sold in Pittsburgh, Dec. 1949-June 1950. April 1952. 26 p.

No. 5 - Marketing charges for potatoes sold in Pittsburgh, Pa., Dec. 1949-June 1950. May 1952. 28 p.

No. 6 - Marketing charges for head lettuce sold in Cleveland, Ohio, Feb.-June 1950. June 1952. 24 p.

No. 7 - Some improved methods of handling groceries in self-service retail food stores. May 1952. 118 p.

No. 8 - Problems of establishing a consumer panel. May 1952. 41 p.

No. 9 - Blue-cured tobacco: price differences among types 11(a)-13. 1952. 12 p.

No. 10 - Tung processing and marketing practices and costs. June 1952. 33 p.

MARKETING RESEARCH REPORTS (continued)

- No. 11 - Economic effects of Federal regulation of the Minneapolis-St. Paul fluid milk market. May 1952. 218 p.
- No. 13 - Methods of handling and delivering orders used by some leading wholesale grocers. May 1952. 50 p.
- No. 14 - Early development of milk marketing plants in the Kansas City, Mo. area. May 1952. 99 p.
- No. 14 - An analysis of some methods of loading out delivery trucks of produce wholesalers. May 1952. 39 p.
- No. 16 - Peanuts and their uses for food. 1952. 99 p.
- No. 17 - Farmers' produce markets in the U. S. Part III. Shipping point, fruit and vegetable markets. May 1952. 72 p.
- No. 19 - Retail market news as an aid in marketing. May 1952. 92 p.
- No. 21 - Marketing charges for potatoes sold in Cleveland, Ohio, Feb.-June 1950. 1952. 28 p.
- No. 22 - Poultry farm practices and egg quality. May 1952. 28 p.
- No. 23 - Factors to be considered in locating, planning and operating country elevators. June 1952. 94 p.
- No. 24 - Costs of retailing meats in relation to volume. Aug. 1952. 25 p.
- No. 25 - Market outlets for cotton in some of the principal cotton fabrics. Sept. 1952. 77 p.

SELECTED PAMPHLETS

LUMBER

- Checklist for inspection of lumber dry kilns. n.p. 1950. (Calif. Forest & Range Expt. Sta. Forest research note No. 69) 1.9 F7626R No. 69
- Direct-heat lumber dry kilns. 5 p. 1951. (Calif. Forest & Range Expt. Sta. Misc. Paper No. 4) 1.9622 C2M68 No. 4
- A method of seasoning small quantities of lumber. 6 p. 1952. (Forest Products Lab. Report No. 1608) 1.9 F761R No. 1608
- Storage and handling of lumber (at wholesale and retail yards and at consumer plants) 17 p. 1952 (Forest Products Laboratory Report No. 1919) 1.9 F761R No. 1919

PERSONNEL MANAGEMENT

- Administrative management workshop, Wind River station, Nov. 5-10, 1951. Portland, USDA. 74 p.
- Fifth personnel management meeting, Dec. 3-7, 1951. Chicago, Ill. USDA, Off. of personnel. 127 p. 1.917 A2P432

RANGE MANAGEMENT

- Adaptability of plants for reseeding high mountain parks in western Colorado. 2 p. 1952. (Rocky Mt. Forest & Range Expt. Sta. Research Note No. 10) 1.9622 R2R313 No. 10
- Chemical control of big sagebrush in central Wyoming. 14 p. 1952 (Rocky Mt. Forest & Range Expt. Sta. Station paper No. 9) 1.9622 R2St2 No. 9
- Forage grasses for hay and pasture. II. Intermediate wheatgrass varietics. 6 p. 1952. (Nev. Agr. Expt. Sta. Cir. No. 2) 100 N41S No. 2
- Forage grasses for hay and pasture. III. Slender wheatgrass timothies and other rapid-growing short-lived grasses. 5 p. 1952. (Nev. Agr. Expt. Sta. Cir. No. 3) 100 N41S No. 3

SOIL SURVEY

Soil survey - the Los Banos area, California. 119 p. 1952. (BPI. Soil survey. Series 1939, No. 12) 1 So32F 1939 No. 12

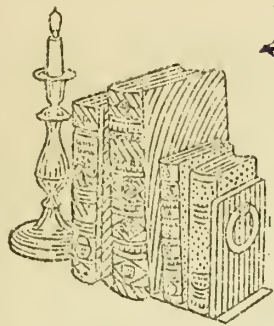
WATER

- Annotated bibliography on sedimentation. Comp. under the auspices of Subcommittee on Sedimentation, Federal inter-agency River basin committee. 351 p. 1950. 1.96 R31Seb
- Central Basin investigation, Lower Los Angeles and San Gabriel Rivers area, county of Los Angeles. 32 p. 1952. (Calif. State water resources bd. Bul. No.8) 292.9 C125 No. 8
- Common methods of measuring water as practiced in Western states. 54 p. Nev. State engineer's office; 1952.
- The great flood. 37 p. 1952. (USDA Agr. Inform. Bul. No. 81) 1 Ag84Ab No. 81
- Hydraulics of wells. 48 p. 1952. (Utah. Agr. Expt. Sta. Bul. No. 351) 100 Utl
- Lining canals and reservoirs to reduce conveyance losses. 24 p. 1952. (Utah. Agr. Expt. Sta. Cir. No. 129) 100 UtlC No. 129
- Measuring flow in small streams. Folder. 1952. (Oreg. Agr. Col. Ext. Serv. Cir. No. 551) 275.29 Or32C No. 550
- Surface water supply of the U. S., 1950. Part 11. Pacific Slope basins in Calif. 455 p. (USGS Water supply paper 1181) 407 G29W No. 1181
- Trinity River division, Central Valley project, Calif. Preliminary evaluation report on fish and wildlife resource. 66 p. Portland, Oreg. USDI Fish & Wildlife Service.
- Water and our forests. 29 p. 1951. (USDA Agr. Inform. Bul. No. 71) 1 Ag84Ab

WILDLIFE

- Checklist of the vertebrate fauna of San Dimas experimental forest. 13 p. 1951. (Calif. Forest & Range Expt. Sta. Misc. Paper No. 7) 1.9622 C2M68 No. 7
- The Jawbone deer herd. 139 p. 1951. (Calif. Div. Fish & Game. Game Bul. No.4) 412.9 C12Gb No. 4
- Land, livestock and deer in the Milford-Doyle area of Northeastern California. Joint report by BAE and Lassen county agricultural extension service. 32 p. 1951. 275.2 C122

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Vol. 11, No. 11-12

Nov.-Dec. 1952

NEW BOOKS

AMERICAN SOCIETY OF PHOTOGRAMMETRY. The Manual of Photogrammetry; 2d ed. 876 p. Washington, The Society, 1952. 325.2 Am3 Ed.2

"The manual is a unique and comprehensive collection of practical operating instructions and engineering fundamentals of photogrammetry. It includes references to all the important applications of the science currently employed in the United States. Of primary importance is the fact that the manual provides in one volume, for the use of professional workers in photogrammetry, the current American practices for construction of maps including large-scale engineering-type plans, standard topographic quadrangles, and small-scale reconnaissance and planning charts."

This second edition contains about eighty per cent of new material.

CAMP, CHARLES L. Earth Song: a prologue to history. 127 p. Berkeley, University of California Press, 1952. (Chronicles of California) 402 C15

"This book tells of prehistoric times on earth in a region now known as California. Here, in California is a natural laboratory in which the aging of the earth can be observed through the processes of geology to interpret the life story of our planet.

"California's varied landscapes and climates influence her changing life. The majestic Sierra Nevada separates the rich central valley from the desert to the east. Westerly winds break against the Sierra and drop their moisture in varying amounts. A whole range of climates occurs between the desert and the sea..."

CHAMBERS, CLARKE A. California Farm Organizations: a historical study of the Grange, the Farm Bureau and the Associated Farmers, 1929-1941. 277 p. Berkeley, University of California Press, 1952. 4 C35

"Because California agriculture differs markedly from agriculture elsewhere in the nation, California farm organizations have a character of their own. As the author points out, even those groups which bear the names of national organizations - the Grange, for example - do not in California repeat the pattern found in other states. They can be understood only in the light of the distinctive conditions of California Farming".

HAPPY NEW YEAR

CIRIACY-WANTRUP, S. V. Resource Conservation: economics and policies. 395 p. Berkeley, University of California Press, 1952. 279 C49

"This book is the first to offer a general basis for understanding the use of our natural resources. It analyzes the goals of conservation to discover which ones are practicable and attainable by public and private agencies. In considering these goals, the author sets forth the basic problems of conservation.

"People who use resources may be quite aware of the value and methods of conservation, yet may be driven to depletion by such forces as our present tax, tenancy, and credit systems. An understanding of these forces will aid in their modification and thus will encourage conservation".

COTTRELL, R. H. ed. Beet-Sugar Economics. 379 p. Caldwell, Idaho, Caxton Printers, 1952. 286.366 C82

This is a picture of the beet-sugar industry - its growth, its future, its competitive disadvantages with tropical cane sugar produced with cheap labor, and a description of a beet-sugar corporation. Specific problems of the industry, the subject of the research of experts who have contributed to the text are discussed in a manner which is interesting to the technician, farmer, chemist and general reader.

HUDSON, ROY L. Sunset Pruning Handbook. 80 p. Menlo Park, Calif., Lane Pub. Co. 1952. 90.12 H86

The author is past president of the California Horticultural Society and presently Supervisor of Maintenance, Recreation and Park Department, San Francisco.

The book will explain "how" and "why" in non-technical terms for the amateur gardener. Well illustrated.

ROBBINS, WILFRED W., CRAFTS, ALDEN S. & RAYNOR, RICHARD W. Weed Control: a textbook and manual; 2d ed. 503 p. N. Y., McGraw-Hill, 1952. 79 R53W Ed.2

This new textbook and manual is designed to cover the subject of weeds and weed control from the economic and agronomic standpoints, to present a modern view of the rapidly developing field of chemical weed control and to answer many questions that are constantly being asked concerning the control and eradication of common weed pests.

ROBBINS, W. W., BELLUE, MARGARET K. & BALL, WALTER S. Weeds of California; rev. ed. 547 p. Sacramento, Calif. Printing Div., 1951. 79 R53

This revision of an authoritative work brings about a much needed, up-to-date manual giving descriptions of weeds, their life histories and habits of growth. It is designed for those who do not have a technical knowledge of botanical terms and plant structures. Its primary aim is to assist the user to independently identify and recognize our common weeds.

LIBRARY REQUEST FORM AD-245 is a great convenience.
Obtain copies through your regular supply channels.
The Library does not have them for distribution.

WILLIAMS, ALBERT N. The Water and the Power: development of the five great rivers of the West. 378 p. N. Y., Duell, Sloan and Pearce. 1951. 292 W67

"In the American West water has always shaped history and today shapes the future. In The Water and the Power Albert N. Williams records the fabulous past and documents the exciting, controversial present of the five great rivers of the West: the Colorado ("The Firebrand River"), the Sacramento and San Joaquin ("The Golden Valley"), the Rio Grande ("The Dustiest River in the World"), The Missouri ("Old Muddy and Misery"), and the Columbia ("The Ourigan"). Each chapter is a rich, compact picture of a Western region giving historical background, the development of the river systems, their effect on the land and the people, and a vivid account of river economics and river politics that make vital issues for today."

SELECTED PAMPHLETS

BUILDINGS

Prefabricated house system developed by the Forest Products Laboratory. 9 p. Rev. Oct. 1952. (Forest Products Lab. Report No. 1165) 1.9 F761R No. 1165
Research in wind-resistant farm building construction. 8 p. Aug. 1952. (Forest Products Lab. Report No. 1930) 1.9 F761R No. 1930
Your farmhouse ... planning the bathroom. 15 p. 1952. (USDA Home & Garden Bul. No. 19) 1 Ag84Hg No. 19

FEED

Inclined-column grain drier. n.p. 1951. (USDA Leaflet No. 314) 1 Ag84L No. 314
Bulk feed storage bins. 6 p. 1952. (Oreg. Agr. Expt. Sta. Cir. of Information No. 517) 100 Or3C No. 517
Drying ear corn with heated air. 16 p. 1952. (USDA Leaflet No. 333) 1 Ag84L No. 333
Drying ear corn with unheated air. 16 p. 1952. (USDA Leaflet No. 334) 1 Ag84L No. 334
Drying shelled corn and small grain with heated air. 12 p. 1952. (USDA Leaflet No. 331) 1 Ag84L No. 331
Drying shelled corn and small grain with unheated air. 10 p. 1952. (USDA Leaflet No. 332) 1 Ag84L No. 332
High-grade alfalfa hay: methods of producing, baling, and loading for market. 29 p. Rev. 1952. (USDA Farmers' Bul. No. 1539) 1 Ag84F No. 1539
Mechanical feeders for silage. 2 p. 1952. (Oreg. Agr. Expt. Sta. Cir. of Information 518) 100 Or3C No. 518
Silage, silage crops and silos. 27 p. 1952. (Calif. Agr. Expt. Sta. Cir. No. 411) 100 Cl2S(c) No. 411

FOREST INSECTS

Insect enemies of Western forests. 280 p. Rev. 1952. (USDA Misc. Pub. No. 273) 1 Ag84M No. 273

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U. S. DEPARTMENT OF AGRICULTURE

MINERALOGY

CALIF. DIV. OF MINES. Special Reports.

- 1-A. Sierra Blanca limestone in Santa Barbara Co., Calif. Dec. 1950 5 p.
 - 1-B. The Calera limestone in San Mateo and Santa Clara counties, Calif. Dec. 1950. 8 p.
 2. Geology of part of the Delta-Mendota canal near Tracy, Calif. Oct. 1950. 12 p.
 3. Commercial "Black granite" of the San Diego, Co., Calif. Dec. 1950. 19 p.
 4. Geology of the San Dieguito pyrophyllite area, San Diego Co., Calif. Nov. 1950. 32 p.
 5. Geology of the Jurupa mountains, San Bernardino and Riverside counties, Calif. Feb. 1950. 14 p.
 6. Geology of Bitterwater creek area, Kern Co., Calif. Mar. 1951. 21 p.
 7. Gem- and lithium-bearing pegmatites of the Pala district. June 1951. 72 p.
 - 7-B. Economic geology of the Rincon pegmatites, San Diego Co., Calif. July 1951.
 8. Talc deposits of steatite grade, Inyo co., Calif. Aug. 1951. 35 p.
 9. Type Moreno formation, an overlying Eocene strata on the West side of San Joaquin Valley, Fresno and Merced counties, Calif. Aug. 1951. 29 p.
 - 10-A. Nephrite jade and associated rocks of the Cape San Martin region, Monterey Co., Calif. May 1951. 14 p.
 - 10-B. Nephrite in Marin county, Calif. July 1951. 11 p.
 - 10-C. Jadeite of San Benito co., Calif. Sept. 1951. 8 p.
 11. Guide to the geology of Pfeiffer Big Sur state park, Monterey co., Calif. July 1951. 16 p.
 12. Hydraulic filling in metal mines. Dec. 1951. 28 p.
 13. Geology of the Saline deposits, Bristol Dry Lake, San Bernardino, Calif. Nov. 1951. 21 p.
 14. Geology of the massive sulfide deposits at Iron Mountain, Shasta Co., Calif. Dec. 1951. 19 p.
 15. Photogeologic interpretation using photogrammetric dip calculations. Jan. 1952. 21 p.
 16. Geology of the Shasta King mine, Shasta co., Calif. Dec. 1951. 11 p.
 17. Suggestions for exploration at New Almaden quicksilver mine, Calif. Feb. 1952. 4 p.
 18. Geology of the Whittier-La Habra area, Los Angeles Co., Calif. Mar. 1952. 22 p.
 19. Geology and ceramic properties of the Ione formation, Buena Vista area, Amador Co., Calif. June 1952. 39 p.
 20. Geology of the Superior talc area, Death Valley, Calif. Aug. 1952. 22 p.
 21. Geology of Eurrueal Ridge, Northwestern Santa Ana Mountains, Calif. Oct. 1952. 16 p.
 22. Geology of Las Trampas Ridge, Berkeley Hills, Calif. Sept. 1952. 26 p.
 23. Exploratory wells drilled outside of oil and gas fields in California to Dec. 31, 1950. July 1952. 77 p.
 24. Geology of the Lebec quadrangle, California. Aug. 1952. 23 p.
 25. Rocks and structure of the Quartz Spring area, Northern Panamint Range, Calif. Oct. 1952. 38 p.
 26. Geology of the Southern Ridge Basin, Los Angeles County, Calif. Dec. 1952. 11 p.
- EGENHOFF, ELISABETH L. Fabricas: a collection of pictures and statements on the mineral materials used in building in California prior to 1850 ... assembled as a supplement to the California Journal of Mines and Geology for April 1952